



U.S. Department
of Transportation

**Research and
Special Programs
Administration**

MAY 10 2000

400 Seventh Street, S.W.
Washington, D.C. 20590

DOT-E 11230
(FIFTH REVISION)

EXPIRATION DATE: March 31, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Dyno Nobel Inc.
Salt Lake City, UT

(See Appendix A of this exemption for additional grantees)

2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of certain Division 1.1B and 1.4B non-electric detonator assemblies without packagings in the same motor vehicle with Division 1.1D and/or 1.5D explosives and/or Division 5.1 oxidizers when those detonator assemblies are placed within the partitioned IME Safety Library Publication No. 22 containers or compartments described herein, subject to the special provisions herein and provides no relief from any regulation other than specifically stated herein.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.62(c)-Packing Method US004; § 177.835(g)(3)(i); § 177.848(f) Table, insofar as combinations of Compatibility Groups B and D in the same motor vehicle.
5. BASIS. This exemption is based on Dyno Nobel Inc. application dated March 31, 2000, submitted in accordance with § 107.109.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous materials description / proper shipping name	Hazard Class/ Division	ID number	Packing Group
Detonator assemblies, non-electric(shipped on the same motor vehicle with Division 1.1D and/or 1.5D explosives and/or Division 5.1 Oxidizers.)	1.1B	UN0360	II
Detonator assemblies, non-electric(shipped on the same motor vehicle with Division 1.1D and/or 1.5D explosives and/or Division 5.1 Oxidizers.)	1.4B	UN0361	II

7. SAFETY CONTROL MEASURES:

- a. Outer packaging is a standard IME Safety Library Publication No. 22 container or compartment. Inner packaging consists of partitions made of not less than 0.64 cm(1/4 inch) thickness welded aluminum metal plate which has been covered with a layer of 1.27 cm (1/2 inch) thickness gypsum board on all adjoining cell wall surfaces. Each partitioned cell must be designed to prevent the movement of the detonator assemblies from the cell in which they are placed, even if the container or compartment is inverted.
- b. No more than 25 non-electric detonator assemblies may be placed in any one partitioned cell.
- c. Non-electric detonator assemblies may not contain more than 1 gram of explosive in each device, excluding ignition and delay charge.

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- d. No more than 1000 non-electric detonator assemblies may be transported within the partitioned IME S.L.P. No.22 container or compartment in the same shipment with Division 1.1D and/or 1.5D explosives and/or Division 5.1 oxidizers.
 - e. The IME S.L.P. No. 22 container or compartment must provide for total enclosure of the contents and the only direct access to the container or into the compartment may be from outside the vehicle.
8. SPECIAL PROVISIONS.
- a. Any partitioning attachment to the inner walls may not compromise or weaken the structural integrity of the IME 22 container or compartment barrier laminate.
 - b. Shippers using the packaging covered by this exemption must comply with all provisions of this exemption, and all other applicable requirements contained in 49 CFR Parts 171-180.
9. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle.
10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.
11. COMPLIANCE. Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
 - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by § 172.700 through § 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS. The carrier is required to report any incident involving fire, explosion or loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued at Washington, D.C.:



For Robert A. McGuire
Acting Associate Administrator
for Hazardous Materials Safety

MAY 10 2000
(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, SW, Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: sln

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Alaska-Pacific Powder Co. Anchorage, AK	4/3/00	4/13/00	3/31/02
Alpha-Dyno Nobel, Inc. Lincoln, CA	5/15/00	6/1/00	3/31/02
American West Explosives, Inc. Plymouth, CA	5/11/00	5/25/00	3/31/02
American East Explosives, Inc. Spring City, PA	6/8/00	6/27/2000	3/31/02
Austin Powder Company Cleveland, OH	4/17/00	4/28/00	3/31/02
Binns & Stevens Explosives, Inc. Oskaloosa, IA	5/17/00	6/1/00	3/31/02
Boren Explosives Company, Inc. <u>Former Grantee:</u> Boren- Ireco Company, Inc. Parrish, AL	5/9/00	5/25/00	3/31/02
Buckley Powder Co. Englewood, CO	5/22/00	6/9/00	3/31/02
Buckley Powder Co. of Oklahoma Inc. Mill Creek, OK	5/22/00	6/9/00	3/31/02
Conex, Inc. Derby, IN	5/15/00	6/1/00	3/31/02
DAMA Inc. Roanoke, VA	7/6/00	7/20/2000	3/31/02
Dyna-Blast, Inc. Nortonville, KY	5/15/00	6/1/00	3/31/02

Company Name City/State	Application Date	Issue Date	Expiration Date
Dyno East Kentucky, Inc. dba Mountain- Valley Explosives Co., Inc. Paintsville, KY	5/15/00	5/26/00	3/31/02
Ed's Drilling & Blasting Co. Washington, MO	10/1/01	OCT 18 2001	9/30/03
Edward N. Rau Contractor Co. Washington, MO	3/30/00	4/11/00	3/31/02
Intermountain West Energy, Inc. Boise, ID	2/9/01	2/12/01	3/31/02
Mine Equipment & Mill Supply Company Dawson Springs, KY	9/7/01	10/9/2001	3/31/02
Joplin Manufacturing Inc. Former Grantee: ICI Explosives USA Inc. Joplin, MO	5/24/00	6/1/00	3/31/02
Nelson Brothers, LLC Birmingham, AL	4/6/00	4/28/00	3/31/02
Orica USA, Inc. Englewood, CO	5/24/00	6/1/00	3/31/02
R&R Trucking, Inc. Duenweg, MO	5/22/00	6/9/00	3/31/02

Company Name City/State	Application Date	Issue Date	Expiration Date
Southern Blasting Services, Inc. Winston-Salem, NC	4/4/00	4/13/00	3/31/02
Western Explosives Systems Company dba WESCO Salt Lake City, UT	6/30/00	7/20/2000	3/31/02



for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety